

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 66   | (US-20010051832-\$ or<br>US-20020111691-\$ or<br>US-20020115742-\$ or<br>US-20010016353-\$ or<br>US-20030007991-\$ or<br>US-20030065400-\$ or<br>US-20020143403-\$ or<br>US-20020016636-\$ or<br>US-20020120348-\$ or<br>US-20030125739-\$ or<br>US-20020127391-\$ or<br>US-20030055512-\$ or<br>US-20030206928-\$).did. or<br>(US-6228117-\$ or US-3919773-\$<br>or US-5522896-\$ or US-6281257-\$<br>or US-6534084-\$ or US-4374669-\$<br>or US-4202055-\$ or US-5549123-\$<br>or US-6518328-\$ or US-5169837-\$<br>or US-5977204-\$ or US-6511511-\$<br>or US-4794023-\$ or US-5697976-\$<br>or US-5837752-\$ or US-6471993-\$<br>or US-4613577-\$ or US-5881443-\$<br>or US-5626861-\$ or US-6599323-\$<br>or US-4454612-\$ or US-4976736-\$<br>or US-5855610-\$ or US-6520964-\$<br>or US-5605713-\$ or<br>US-5869080-\$).did. or<br>(US-5932290-\$ or US-6428579-\$<br>or US-5578086-\$ or US-5847046-\$<br>or US-5013323-\$ or US-4619655-\$<br>or US-5366756-\$ or US-6255359-\$<br>or US-5458653-\$ or US-5007930-\$<br>or US-5084051-\$ or US-4662887-\$<br>or US-6027742-\$ or US-4652459-\$<br>or US-4863472-\$ or US-5702446-\$<br>or US-6117456-\$ or US-6511510-\$<br>or US-5833694-\$).did. or<br>(JP-2000237298-\$).did. or<br>(JP-06293504-\$ or US-6255359-\$<br>or JP-04261653-\$ or<br>WO-9307911-\$ or EP-154136-\$ or<br>JP-2000093500-\$ or<br>WO-200253105-\$ or<br>AU-2002251725-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR               | OFF     | 2006/12/05 17:12 |

1B 12/5/06

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| L2       | 110  | (resorb resorbable bioresorb<br>bioresorbable) with (PBT PEEK<br>(polybutylene adj terephthalate)<br>polybutyleneterephthalate<br>polyethyletherketone (polyethyl<br>adj etherketone)<br>polyetheretherketone (polyether<br>adj etherketone)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/12/05 17:13 |
| S49<br>1 | 99   | peek.ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 14:47 |
| S49<br>2 | 54   | polyetheretherketone.ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 14:56 |
| S49<br>3 | 40   | polyethyletherketone  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 14:54 |
| S49<br>4 | 12   | polyethyletherketone with peek  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 14:55 |
| S49<br>5 | 5626 | polyetheretherketone  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 14:59 |
| S49<br>6 | 3102 | polyetheretherketone with peek  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:04 |
| S49<br>7 | 36   | "ADVANCED CERAMICS<br>RESEARCH".as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:07 |
| S49<br>8 | 1    | S497 and (bone implant implants)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:05 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S49<br>9 | 1   | S497 and (bone )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:07 |
| S50<br>0 | 0   | S497 and (biodegradable )   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:06 |
| S50<br>1 | 2   | ("20020143403").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:06 |
| S50<br>2 | 250 | "ADVANCED CERAMICS ".as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:07 |
| S50<br>3 | 4   | S502 and (bone )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:12 |
| S50<br>4 | 1   | 2003-018572.NRAN.   | DERWENT   | OR | OFF | 2006/10/30 18:08 |
| S50<br>5 | 2   | ("6027742").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/30 18:13 |
| S50<br>6 | 92  | (PMMA PBT PEEK<br>polymethylmethacrylate<br>polybutyleneterephthalate<br>polyethyetherketone) and<br>(((ceramic adj3 polymer) same<br>((coated coating) pores)) and<br>implant) and bone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:44 |
| S50<br>7 | 90  | (PMMA PEEK<br>polymethylmethacrylate<br>polyethyetherketone) and<br>(((ceramic adj3 polymer) same<br>((coated coating) pores)) and<br>implant) and bone)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/27 12:17 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S51<br>9 | 91  | (PMMA PEEK<br>polymethylmethacrylate<br>polyethyletherketone<br>polyetheretherketone) and<br>(((ceramic adj3 polymer) same<br>((coated coating) pores)) and<br>implant) and bone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 11:19 |
| S52<br>0 | 2   | ("6027742").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 11:19 |
| S52<br>1 | 787 | (scaffold matrix) with (PBT PEEK<br>polybutyleneterephthalate<br>polyethyetherketone)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 15:10 |
| S52<br>2 | 0   | S521 same ((calcium adj sulfate)<br>same (polycaprolactone polylactic<br>polyglycolic))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 11:27 |
| S52<br>3 | 8   | S521 same (polycaprolactone<br>polylactic polyglycolic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 11:26 |
| S52<br>4 | 1   | S521 and ((calcium adj sulfate)<br>same (polycaprolactone polylactic<br>polyglycolic))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 11:28 |
| S52<br>5 | 3   | S521 and ((calcium ) same<br>(polycaprolactone polylactic<br>polyglycolic))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:11 |
| S52<br>6 | 2   | ("6599317").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 12:42 |

## EAST Search History

|   |     |   |                              |    |        |                  |
|---|-----|---|------------------------------|----|--------|------------------|
| S52<br>7  | 155 | ( "1483509"   "2129305"  <br>"2274142"   "2405989"  <br>"2511517"   "3031927"  <br>"3034403"   "3210894"  <br>"3227507"   "3339997"  <br>"3420006"   "3431327"  <br>"3482906"   "3542461"  <br>"3693301"   "3922728"  <br>"3932148"   "4055378"  <br>"4062629"   "4162122"  <br>"4195919"   "4199231"  <br>"4210391"   "4240719"  <br>"4253199"   "4254509"  <br>"4274717"   "4307945"  <br>"4315673"   "4316293"  <br>"4338005"   "4340283"  <br>"4370760"   "4377329"  <br>"4402579"   "4404694"  <br>"4409691"   "4418991"  <br>"4476591"   "4504982"  <br>"4551864"   "4560383"  <br>"4573775"   "4580882"  <br>"4596578"   "4618228"  <br>"4618229"   "4636049"  <br>"4636211"   "4637697"  <br>"4641934"   "4676792"  <br>"4687484"   "4693572"  <br>"4702244"   "4704016"  <br>"4720286"   "4725278"  <br>"4731078"   "4752123"  <br>"4759762"   "4769033"  <br>"4790847"   "4813955"  <br>"4830481"   "4842601"  <br>"4881804"   "4888012"  <br>"4888015"   "4890912"  <br>"4890913"   "4892543"  <br>"4898461"   "4906246"  <br>"4917681"   "4919663"  <br>"4921496"   "4923296"  <br>"4932966"   "4932968"  <br>"4938583"   "4955902"  <br>"4976534"   "4976732"  <br>"4990159"   "4994082"  <br>"5000559"   "5002382"  <br>"5019098"   "5019099"  <br>"5047052"   "5071432"  <br>"5089024"   "5096285"  <br>"5112351"   "5147397"  <br>"5158572"   "5166711"  <br>"5166712"   "5171266"  <br>"5173723"   "5192317"  <br>"5192318"   "5201762"  <br>"5225858"   "5258025"  <br>"5260727"   "5270744"  <br>"5275623"   "5354335" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF    | 2006/11/29 12:51 |
| 12/5/2006 5:37:40 PM<br>C:\Documents and Settings\hpadmin\My Documents\EAST\Workspaces\10038398 ceramic composition.wsp |     | "5443506"<br>"5480428"<br>"5489302"<br>"5476514"<br>"5571155"   |                              |    | Page 5 |                  |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S52<br>8 | 2   | "20040111153"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 12:55 |
| S52<br>9 | 8   | woods.in. and ciliary and iol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 12:55 |
| S53<br>0 | 6   | ("6599317").URPN.   | USPAT   | OR | OFF | 2006/11/29 14:44 |
| S53<br>1 | 23  | "extrusion freeform fabrication"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 14:44 |
| S53<br>2 | 5   | S531 and bone   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:09 |
| S53<br>3 | 1   | osteoceram  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:09 |
| S53<br>4 | 931 | (scaffold matrix) with (PBT PEEK<br>polybutyleneterephthalate<br>polyetheretherketone<br>polyethyetherketone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:05 |
| S53<br>5 | 71  | S534 and bone   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 15:10 |
| S53<br>6 | 4   | S535 and ((calcium ) same<br>(polycaprolactone polylactic<br>polyglycolic))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:11 |
| S53<br>7 | 17  | S535 and (polycaprolactone<br>polylactic polyglycolic)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 16:22 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S53<br>8 | 2   | ("20020143403").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:12 |
| S53<br>9 | 1   | 2003-018572.NRAN.   | DERWENT   | OR | OFF | 2006/11/29 15:13 |
| S54<br>0 | 5   | VAIDYANATHAN.in. and bone   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:57 |
| S54<br>1 | 3   | walish.in. and bone   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:58 |
| S54<br>2 | 4   | (advanced adj ceramics).as. and bone  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 15:58 |
| S54<br>3 | 209 | bone with (PBT PEEK polybutyleneterephthalate polyetheretherketone polyethyetherketone)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 16:29 |
| S54<br>4 | 47  | S543 and (polycaprolactone polylactic polyglycolic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 16:23 |
| S54<br>5 | 22  | S543 and ((polycaprolactone polylactic polyglycolic) and calcium)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 16:30 |
| S54<br>6 | 1   | ("2001/0051832").URPN.  | USPAT   | OR | OFF | 2006/11/29 16:28 |
| S54<br>7 | 219 | bone with (PBT PEEK (polybutylene adj terephthalate)polybutyleneterephthalate polyetheretherketone polyethyetherketone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 16:34 |
| S54<br>8 | 24  | S547 and ((polycaprolactone polylactic polyglycolic) and calcium)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 17:06 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S54<br>9 | 219  | bone with (PBT PEEK<br>(polybutylene adj terephthalate)<br>polybutyleneterephthalate<br>polyetheretherketone<br>polyethyetherketone)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 16:34 |
| S55<br>0 | 19   | S549 same (matrix substrate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 16:36 |
| S55<br>1 | 2    | ("20030206928").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 16:39 |
| S55<br>2 | 1    | 2000-679327.NRAN.  | DERWENT   | OR | OFF | 2006/11/29 16:38 |
| S55<br>3 | 17   | "891783"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 16:39 |
| S55<br>4 | 2032 | bone and (PBT PEEK<br>polybutyleneterephthalate<br>polyetheretherketone<br>polyethyetherketone)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:08 |
| S55<br>5 | 256  | S554 and ((polycaprolactone<br>polylactic polyglycolic) and<br>calcium)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/29 17:06 |
| S55<br>6 | 350  | (polycaprolactone polylactic<br>polyglycolic plpg) with (PBT PEEK<br>polybutyleneterephthalate<br>polyetheretherketone<br>polyethyetherketone)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:55 |
| S55<br>7 | 75   | S556 and bone  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:10 |
| S55<br>8 | 398  | (polycaprolactone polylactic<br>polyglycolic polylactide<br>polyglycolide) with (PBT PEEK<br>polybutyleneterephthalate<br>polyetheretherketone<br>polyethyetherketone) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:56 |
| S55<br>9 | 91   | S558 and bone  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2006/11/29 17:10 |

## EAST Search History

|          |       |  |                                    |    |    |                  |
|----------|-------|--|------------------------------------|----|----|------------------|
| S56<br>0 | 1368  | (PMMA polymethylmethacrylate) with (PBT PEEK polybutyleneterephthalate polyethyletherketone polyetheretherketone)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:50 |
| S56<br>1 | 113   | S560 and bone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:55 |
| S56<br>2 | 1818  | (PMMA polymethylmethacrylate) with (PBT PEEK (polybutylene adj terephthalate) polybutyleneterephthalate polyethyletherketone polyetheretherketone)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:51 |
| S56<br>3 | 128   | S562 and bone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:52 |
| S56<br>4 | 3016  | (PMMA polymethylmethacrylate (polymethyl adj methacrylate)) with (PBT PEEK (polybutylene adj terephthalate) polybutyleneterephthalate polyethyletherketone polyetheretherketone)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:51 |
| S56<br>5 | 3069  | (PMMA polymethylmethacrylate (polymethyl adj methacrylate)) with (PBT PEEK (polybutylene adj terephthalate) polybutyleneterephthalate polyethyletherketone (polyethyl adj etherketone) polyetheretherketone (polyether adj etherketone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 18:05 |
| S56<br>6 | 145   | S565 and bone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:52 |
| S56<br>7 | 10854 | (polycaprolactone polylactic polyglycolic plgg) with (polyester PBT PEEK polybutyleneterephthalate polyetheretherketone polyethyletherketone)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:55 |
| S56<br>8 | 1554  | S567 and bone  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/29 17:56 |

## EAST Search History

|          |       |  |   |    |    |                  |
|----------|-------|--|---|----|----|------------------|
| S56<br>9 | 15020 | (polycaprolactone polylactic polyglycolic polylactide polyglycolide) with (polyester)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/11/29 18:08 |
| S57<br>0 | 70    | S569 with bone   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/11/29 17:56 |
| S57<br>1 | 219   | bone with (PBT PEEK<br>(polybutylene adj terephthalate)<br>polybutyleneterephthalate<br>polyethyletherketone (polyethyl<br>adj etherketone)<br>polyetheretherketone (polyether<br>adj etherketone))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/05 17:13 |
| S57<br>2 | 233   | bone with (PBT PEEK<br>(polybutylene adj terephthalate)<br>polybutyleneterephthalate<br>polyethyletherketone (polyethyl<br>adj etherketone)<br>polyetheretherketone (polyether<br>adj etherketone)<br>polyaryletherketone (polyaryl adj<br>etherketone)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/11/29 18:07 |
| S57<br>3 | 65    | (polycaprolactone polylactic polyglycolic polylactide polyglycolide) and S572  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/11/29 18:08 |
| S57<br>4 | 66    | (polycaprolactone polylactic polyglycolic polylactide polyglycolide (poly adj lactic) (poly<br>adj glycolic) (poly adj lactide)<br>(poly adj glycolide)) and S572  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/05 10:23 |